

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: MATS LEIJON ET AL

SERIAL NO: 09/147,318

FILED: FEBRUARY 24, 1999

FOR: ROTATING ELECTRICAL MACHINE COMPRISING HIGH-VOLTAGE STATOR WINDING AND SPRING-DEVICE  
SUPPORTING THE WINDING AND METHOD FOR MANUFACTURING SUCH MACHINE

GAU: 2834

EXAMINER: ENAD

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- The applicant(s) wish to make of record the references listed on the attached PTO Form 1449, as filed in "holding application" Serial No. 09/147,325 filed February 17, 1999, which contains subject matter related to that disclosed in the subject application and other bulk filing applications. Three copies of each of the listed references were provided to the Patent Office consistent with the requirements in the attached Paper No. 11 Response to Petition under 37 CFR 1.182 Seeking Special Treatment Relating to an Electronic Search Tool, and Decision on Petition under 37 CFR 1.183 Seeking Waiver of Requirements under 37 CFR 1.98.
- A check is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application.
- ☐ A check is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

PETITION

- ☐ Applicant(s) hereby request consideration of the attached information. A check is attached in the amount of the Petition fee required under 37 CFR §1.17(i)(1).

DEPOSIT ACCOUNT

- Please charge any additional fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.



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Respectfully submitted,

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09/27/2000 09:00:00 00000063 09147318 240.00 DP

Corrected 03/20/00

Docket Number:

9847-0001-6X PCT 000222 90V

Application Number

09/147,325

Applicant(s):

MATS LEIJON ET AL

Filing Date:

FEBRUARY 17, 1999

Group Art Unit:

2834

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	1	US1304451	5/20/19	L. H. Burnham			
	2	US1418856	6/2/22	Robert B. Williamson			
	3	US1481585	1/22/24	James Robert Beard			
	4	US1728915	9/24/29	E. P. Blankenship et al			
	5	US1742985	1/7/30	L. H. Burnham			
	6	US1747507	2/18/30	Robert B. George			
	7	US1756672	4/29/30	John M. Barr			
	8	US1762775	6/10/30	Albert G. Ganz			
	9	US1781308	11/11/30	Mauritz Vos			
	10	US1861182	5/31/32	F. Hendey et al			
	11	US1974406	9/25/34	Vincent G. Apple et al			
	12	US2006170	6/25/35	Gustof A. Juhlin			
	13	US2206856	7/2/40	W. E. Shearer			
	14	US2217430	10/8/40	R. A. Baudry			
	15	US2241832	5/13/41	H.W. Wahlquist			
	16	US2251291	8/5/41	L. O. Reichelt			
	17	US2256897	9/23/41	W. F. Davidson et al			
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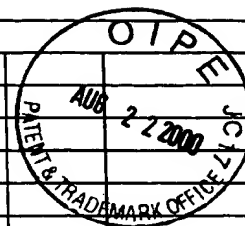
Examiner

Date

Considered

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP0 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**INFORMATION DISCLOSURE CITATION LIST**  
**TERNATE FORM PTO-1449**  
 (Corrected Listing of Original List)



45	US3418530	11/24/68	W. H. Cheever		
46	US3435262	3/25/69	R. B. Bennett et al		
47	US3437858	4/8/69	R. B. White		
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72	US3891880	6/24/75	H. Britsch		
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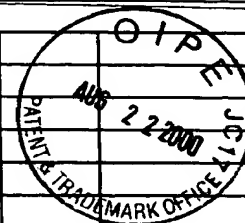
Examiner

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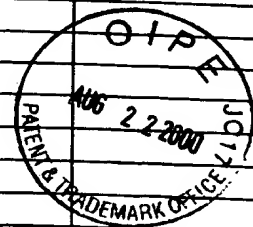
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144	US4368418	1/11/83	F. P. Demello et al			
145	US4369389	1/18/83	D. Lambrecht			
146	US4371745	2/1/83	M. Sakashita			
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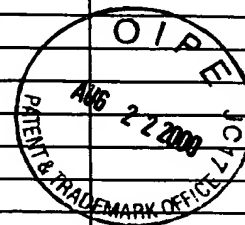
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159	US4475075	10/2/84	R. Munn			
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161	US4481438	11/6/84	T. Keim			
162	US4488079	12/11/84	G. Dailey et al			
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194	US4847747	7/11/89	A. Abbondanti			
195	US4853565	8/1/89	R. Elton et al			
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197	US4860430	8/29/89	H. Raschbichler et al			
198	US4864266	9/5/89	L. Feather et al			

Examiner

Date  
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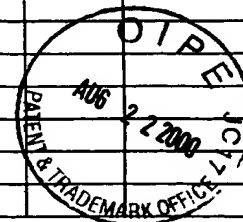


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204	US4924342	5/8/90	R. Lee			
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232	US5321308	6/14/93	A. Johncock			
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Examiner	Date
	Considered

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP0 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Subtotal	259						



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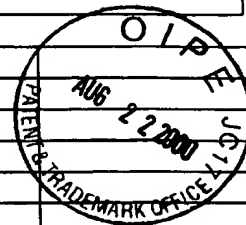
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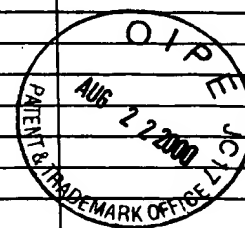


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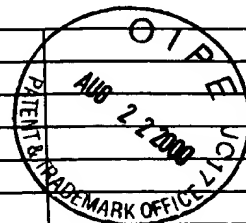
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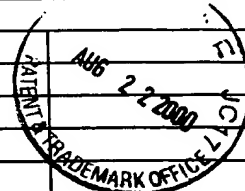
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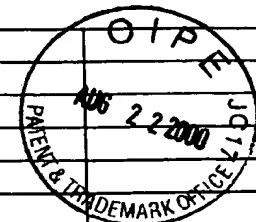
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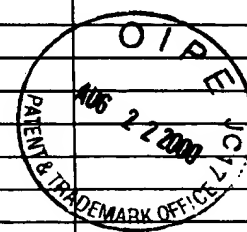
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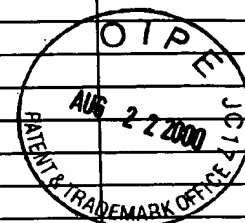
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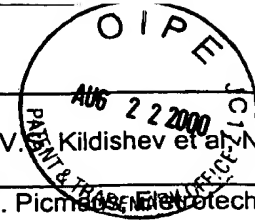
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	25	OD025	Power System Stability and Control; P. Kundur, 1994; pp23-25; page 767
	26	OD026	Six phase Synchronous Machine with AC and DC Stator Connections, Part II: Harmonic Studies and a proposed Uninterruptible Power Supply Scheme; R. Schiferl et al.; 8/1983 pp 2694-2701
	27	OD027	Six phase Synchronous Machine with AC and DC Stator Connections, Part 1: Equivalent circuit representation and Steady-State Analysis; R. Schiferl et al; 8/1983; pp2685-2693
	28	OD028	Reactive Power Compensation; T. Petersson; 1993; pp 1-23
	29	OD030	Permanent Magnet Machines; K. Binns; 1987; pp 9-1 through 9-26
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	33	OD034	Advanced Turbine-generators- an assessment; A. Appleton, et al; International Conf. Proceedings, Lg HV Elec. Sys. Paris, FR, Aug-Sept/1976, Vol I, Section 11-02, pg1-9
	34	OD035	Fully slotless turbogenerators; E. Spooner; Proc., IEEE Vol 120 #12, 12/1973
	35	OD036	Toroidal winding geometry for high voltage superconducting alternators; J. Kirtley et al; MIT - Elec. Power Sys. Engrg. Lab for IEEE PES; 2/1974
	36	OD037	High-Voltage Stator Winding Development; D. Albright et al; Proj. Report EL339, Project 1716, April 1984
	37	OD038	POWERFORMER™: A giant step in power plant engineering; Owman et al; CIGRE 1998, Paper 11:1.1
	38	OD039	Thin Type DC/DC Converter using a coreless wire transformer; K. Onda et al; Proc. IEEE Power Electronics Spec. Conf.; 6/1994, pp330-334
	39	OD040	Development of extruded polymer insulated superconducting cable; 1/1992
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	41	OD042	Cloth-transformer with divided windings and tension annealed amorphous wire; T. Yamamoto et al; IEEE Translation Journal on Magnetism in Japan Vol 4, No. 9 Sept. 1989
	42	OD043	A study of equipment sizes and constraints for a unified power flow controller; J. Bian et al; IEEE 1996
<b>Subtotal</b>	<b>43</b>		

<b>GRAND TOTAL</b>	<b>671</b>		
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Examiner	Date Considered
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Docket Number:

9847-0001-6X PCT

Application Number

09/147,325

Applicant(s):

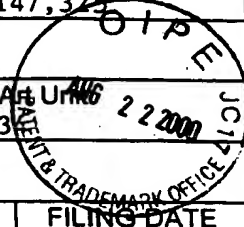
MATS LEIJON ET AL

Filing Date:

FEBRUARY 17, 1999

Group Art Unit

283



U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	1	US 4,292,558	9/29/1981	Carl Flick et al			
	2	US 4,656,316	4/7/1987	Hans-Juergen Meltsch			
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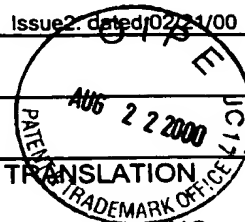
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\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP0 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



**INFORMATION DISCLOSURE CITATION LIST  
ALTERNATE FORM PTO-1449**

Issue 2, dated 02/24/00



**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	1	GB 1,319,257	6/6/1973	Anders R. Andersson et al		
	2	GB 1,322,433	7/4/1973	Siemens Akstengesellschaft		
	3	GB 2,070,341	9/3/1981	Hans-Georg Raschbichler et al		
	4	WO 98/20598	5/14/1998	Jan-Anders Karfeldtsgatan et al		
	5	WO 98/20602	5/14/1998	Soren Berggren		
	6	WO 98/34239	8/6/1998	Gunnar Steneorpsatan et al		
	7	WO 99/28922	6/10/1999	Thorsten Schutte et al		
	8	WO 99/29005	6/10/1999	Mats Leijon et al		
	9	WO 99/29023	6/10/1999	Peter Carstensen et al		
	10	WO 99/29025	6/10/1999	Mats Leijon et al		
	11	EP 0056580 A1	7/28/1982	Jacobus F.H. Van der Vegt		
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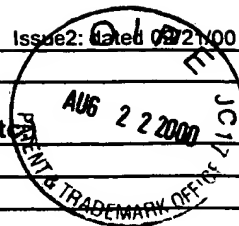
Examiner

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\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP0 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**INFORMATION DISCLOSURE CITATION LIST  
ALTERNATE FORM PTO-1449**

Issue 2: dated 09/2/00



**OTHER REFERENCES (Including Title, Author, Date, Pertinent Pages, etc.)**

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Examiner	Date Considered
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP0 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

## LIST OF RELATED CASES

Docket No	Client Ref	Application No	Patent No	Issue Date	PCT No	Filing Date	Status
09847-0001-6X	8025	09/147,325			PCT/SE97/008	17-Feb-99	Pending
09847-0002-6X	8026	09/147,324			PCT/SE97/008	08-Feb-99	Pending
09847-0003-6X	8030	09/147,319			PCT/SE97/009	09-Feb-99	Pending
09847-0004-6X	8031	09/147,320			PCT/SE97/009	02-Feb-99	Pending
09847-0005-6X	8039	09/147,323			PCT/SE97/008	02-Mar-99	Pending
09847-0006-6X	8086	09/147,318			PCT/SE97/009	24-Feb-99	Pending
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09847-0008-6X	8163	09/147,321			PCT/SE97/009	27-Nov-98	Pending
09847-0009-6X	8090	09/297,570			PCT/SE97/018	24-Jun-99	Pending
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09847-0011-6X	ENKEL 8129	09/319,923			PCT/SE97/021	17-Jun-99	Pending
09847-0012-6X	ENKEL 8379	09/319,924			PCT/SE97/021	15-Oct-99	Pending
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09847-0022-6X	ENKEL 8140	09/355,807			PCT/SE98/001	25-Oct-99	Pending

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09847-0023-6X PCT	ENKEL 8141	09/355,856			PCT/SE98/001	21-Oct-99	Pending
09847-0024-6X PCT	ENKEL 8142	09/355,857			PCT/SE98/001	26-Oct-99	Pending
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<b>Docket No.</b>	<b>Asea Ref.</b>	<b>PCT No.</b>	<b>U.S. No.</b>	<b>Date Filed</b>
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